ABSTRACT OF THE DISCLOSURE

A process for continuous nickel plating of an aluminum conductor, by electrolytically pre-treating the aluminum conductor to improve adherence of a nickel coat thereon by passing the aluminum conductor through a pre-treating bath in which is disposed an electrode connected to a first current source at a first voltage, for supplying to the aluminum conductor a pre-treating current, then electrolytically plating the pre-treated aluminum conductor with nickel in a plating bath in which is disposed an anode connected to a second current source at a second voltage, in which a nickel coat is deposited on the conductor by action of a nickel plating current I_n. At least the nickel plating current I_n is transmitted to the conductor through a mechanical electrical contact which contacts the conductor between the pre-treating bath and the plating bath, the pre-treating improving the contact properties of the conductor sufficient to permit the transmitting through the mechanical electrical conductor.

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